

**GREENBOOK COMMITTEE
NEW MATERIALS-SURFACE SUBCOMMITTEE
CONCRETE AD HOC GROUP**

MINUTES
February 13, 2014

Chairman, Ken Sears called the meeting to order at 9:40 am. The meeting was held in the conference room at:

CTS Cement
11065 Knott Avenue, Suite A
Cypress, CA 90630

1. Self-introductions were made by the participants (from the sign-in sheet):

Ken Sears	Headwaters Resources
Renato Kich	National Ready Mix
Darrell Caddy	BASF
Ed Kripavicius	Associated Ready Mix
Matt Jabbari	CTS Cement
Gary Kirk	CalPortland
Havier Soto	OCPW
Don Vivant	Sully Miller
Tom Meyer	Cell-Crete

Comment [KS11]: Javier

2. The minutes from January were not available to **review**.

Comment [KS12]: The January minutes were available and reviewed. I did them. It's what you are using as a template.

3. Old Business –

A. Portland Cement Update, McDonald (not present)

- Pages are not lining up. Kirk will continue to **review**.

Comment [KS13]: Kirk finished. This is ready to distribute and review.

B. Change No. 244NS - Pervious Concrete, Group

- Many agreed the aggregate grading as written would limit quality of mixes based on materials available to them. It would also limit the ability to improve the design. Materials section will be written to be less limiting.
- The use of 'Consolidating' should also be reconsidered as in our industry has a very defined meaning that is not the intended definition as used in pervious concrete. 'Compacting' will be used as a replacement to 'Consolidating'.
- Fly ash will be re-written to state not more than 25% instead of less than.
- Evaporation retardant should not be allowed for final curing but will be allowed for use prior to final curing with plastic sheeting.
- Evaporation retarder needs to be defined. Darrell will research and look for a definition within ASTM.

- C. Recycled Plastic Concrete, Vivant (not present)
- Don reported that CT will add a new section in Section 90 to reinforce the use of recycled materials.
 - CT has issue with the GB volume section and would rather use weight since they are comfortable with their ability to 109 the scales.
 - CT would currently like to transfer left over concrete to a hopper on a scale but are receptive to keeping concrete in the truck.
 - Comments suggested GB should align with CT.
- D. Change No. 235NS – Steel Fiber, Ferris
- Ken reviewed and will submit to the Main Committee. All in attendance approved.
- E. Change No. 246NS - ASR Testing Requirements, Group
- Slow reactors need to be addressed. (5-10 year)
 - Since other agencies already accept 1293, 1260, 1567 and 289, BG needs to consider widening the tests required for approval of materials. Should the language be written to accept 'either/or' for the specified methods?
 - Criteria for Labs should be removed as GB has never referenced lab requirements.
- F. Cellular Concrete / Annular Fill, Meyer
- Placement limits should remain as the entrained bubble will collapse beyond those limits. Language should be edited to read 'Not to exceed 4' without the approval of the Engineer'.
 - Additional references need edit to reflect the current BG format.
- G. Type K Cement proposal, Jabbari
- Not discussed.

4. Other Old Business - none

5. New Business – Ed Kripavicius will consider temporarily assisting as Secretary.

6. Our next meeting will be held **Thursday, March 13, 2014**, at **9:30 am**, at the same location (CTS Cement, Cypress).

7. Meeting adjourned.

Submitted By:

Ed Kripavicius
Secretary

2014 Meeting Schedule

January 9	February 13	March 13	April 10	May 8	June 12
July 10	August 14	September 11	October 9	November 13	No December Meeting